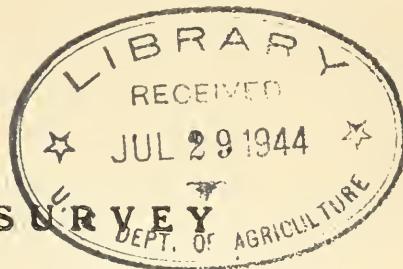


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## THE INSECT PEST SURVEY BULLETIN

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A periodical review of entomological conditions throughout the United States  
issued on the first of each month from March to December, inclusive.

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Volume 9

1929

Index

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BUREAU OF ENTOMOLOGY  
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DEPARTMENT OF AGRICULTURE  
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<sub>338</sub> <sup>339</sup> <sub>340</sub> <sup>341</sup> <sub>342</sub> <sup>343</sup> <sub>344</sub> <sup>345</sup> <sub>346</sub> <sup>347</sup> <sub>348</sub> <sup>349</sup> <sub>350</sub> <sup>351</sup> <sub>352</sub> <sup>353</sup> <sub>354</sub> <sup>355</sup> <sub>356</sub> <sup>357</sup> <sub>358</sub> <sup>359</sup> <sub>360</sub> <sup>361</sup> <sub>362</sub> <sup>363</sup> <sub>364</sub> <sup>365</sup> <sub>366</sub> <sup>367</sup> <sub>368</sub> <sup>369</sup> <sub>370</sub> <sup>371</sup> <sub>372</sub> <sup>373</sup> <sub>374</sub> <sup>375</sup> <sub>376</sub> <sup>377</sup> <sub>378</sub> <sup>379</sup> <sub>380</sub> <sup>381</sup> <sub>382</sub> <sup>383</sup> <sub>384</sub> <sup>385</sup> <sub>386</sub> <sup>387</sup> <sub>388</sub> <sup>389</sup> <sub>390</sub> <sup>391</sup> <sub>392</sub> <sup>393</sup> <sub>394</sub> <sup>395</sup> <sub>396</sub> <sup>397</sup> <sub>398</sub> <sup>399</sup> <sub>400</sub> <sup>401</sup> <sub>402</sub> <sup>403</sup> 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<sub>865</sub> <sup>865</sup> <sub>866</sub> <sup>866</sup> <sub>867</sub> <sup>867</sup> <sub>868</sub> <sup>868</sup> <sub>869</sub> <sup>869</sup> <sub>870</sub> <sup>870</sup> <sub>871</sub> <sup>871</sup> <sub>872</sub> <sup>872</sup> <sub>873</sub> <sup>873</sup> <sub>874</sub> <sup>874</sup> <sub>875</sub> <sup>875</sup> <sub>876</sub> <sup>876</sup> <sub>877</sub> <sup>877</sup> <sub>878</sub> <sup>878</sup> <sub>879</sub> <sup>879</sup> <sub>880</sub> <sup>880</sup> <sub>881</sub> <sup>881</sup> <sub>882</sub> <sup>882</sup> <sub>883</sub> <sup>883</sup> <sub>884</sub> <sup>884</sup> <sub>885</sub> <sup>885</sup> <sub>886</sub> <sup>886</sup> <sub>887</sub> <sup>887</sup> <sub>888</sub> <sup>888</sup> <sub>889</sub> <sup>889</sup> <sub>890</sub> <sup>890</sup> <sub>891</sub> <sup>891</sup> <sub>892</sub> <sup>892</sup> <sub>893</sub> <sup>893</sup> <sub>894</sub> <sup>894</sup> <sub>895</sub> <sup>895</sup> <sub>896</sub> <sup>896</sup> <sub>897</sub> <sup>897</sup> <sub>898</sub> <sup>898</sup> <sub>899</sub> <sup>899</sup> <sub>900</sub> <sup>900</sup> <sub>901</sub> <sup>901</sup> <sub>902</sub> <sup>902</sup> <sub>903</sub> <sup>903</sup> <sub>904</sub> <sup>904</sup> <sub>905</sub> <sup>905</sup> <sub>906</sub> <sup>906</sup> <sub>907</sub> <sup>907</sup> <sub>908</sub> <sup>908</sup> <sub>909</sub> <sup>909</sup> <sub>910</sub> <sup>910</sup> <sub>911</sub> <sup>911</sup> <sub>912</sub> <sup>912</sup> <sub>913</sub> <sup>913</sup> <sub>914</sub> <sup>914</sup> <sub>915</sub> <sup>915</sup> <sub>916</sub> <sup>916</sup> <sub>917</sub> <sup>917</sup> <sub>918</sub> <sup>918</sup> <sub>919</sub> <sup>919</sup> <sub>920</sub> <sup>920</sup> <sub>921</sub> <sup>921</sup> <sub>922</sub> <sup>922</sup> <sub>923</sub> <sup>923</sup> <sub>924</sub> <sup>924</sup> <sub>925</sub> <sup>925</sup> <sub>926</sub> <sup>926</sup> <sub>927</sub> <sup>927</sup> <sub>928</sub> <sup>928</sup> <sub>929</sub> <sup>929</sup> <sub>930</sub> <sup>930</sup> 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Cryptotermes brevis Walk.	1	27
Cryptothrips floridensis Watson	6	254
Ctenocephalus canis Curt.	3	92
	4	153
	6	265
	7	305
	8	353-354
Ctenocephalus felis Bouche	3	92
	4	153
	6	265
	7	305
	8	353-354
Culex sp.	8	354-355
Culicinae	3	92
	5	206
	6	216, 264
	7	305
Culicoides furens Poey	3	93
Culicoides sp.	5	206
Curculio auriger Casey. See Balaninus auriger Casey		
Curculio obtusus Blanch. See Balaninus obtusus Blanch.		
Cylas formicarius Fab.	10	395
Cyllene robiniae Forst.	4	147
Dasyneura leguminicola Lint.	4	116
	7	280-281
	9	359, 364
Datana integerrima G. & R.	3	72
	4	129
	7	302
Datana ministra Drury	6	230
	7	282, 299
	8	346
Dendroctonus barberi Hopk.	10	400
Dendroctonus brevicomis Lec.	10	400
Dendroctonus frontalis Zimm.	5	201
	6	258
	7	300
	9	360, 377
	10	400
Dendroctonus monticolae Hopk.	3	54
	10	400
Dendroctonus piceaperda Hopk.	8	347
	10	400
Dendroctonus ponderosae Hopk.	10	400
Dendroctonus pseudotsugae Hopk.	3	54
	10	400
Dendroctonus sp.	6	258
Dendroctonus valens Lec.	4	148
Dermacentor variabilis Say	3	95
Dermacentor venustus Banks	3	54

Dermestes cadaverinus Fab.	- - - - -	1	28
Dermestidae	- - - - -	1	28
Desmia funeralis Hbn.	- - - - -	4	128
Dexia ventralis Aldrich	- - - - -	5	227
Diabrotica balteata Lec.	- - - - -	1	8, 17
		7	272, 296
		8	332, 345
		9	369
Diabrotica duodecimpunctata Fab.	- - - - -	1	8, 16
		2	35
		3	75-76
		4	114, 141-142, 144
		6	225, 226
		8	320
Diabrotica longicornis Say	- - - - -	7	271, 279
		8	311, 320-321
Diabrotica soror Lec.	- - - - -	6	247
Diabrotica spp.	- - - - -	8	345, 351
		3	55
		8	311
Diabrotica trivittata Mann.	- - - - -	3	83-84
		4	142
		8	345
Diabrotica virgifera Lec.	- - - - -	8	321
		9	363
Diabrotica vittata Fab.	- - - - -	3	75
		4	114, 141-142
		5	190
		7	295
Dialeurodes citri Ashm.	- - - - -	1	15
		2	32, 37, 38
		3	73
		4	131
		7	291
		8	312, 330-331
		9	359, 368-369
Diaphania hyalinata L.	- - - - -	1	20
Diaphania nitidalis Stoll	- - - - -	6	214, 249
		7	295
		8	312, 337-338
Diaphania quadristigmatis Guen.	- - - - -	6	263
Diarthronomyia hypogaea Loew	- - - - -	1	23-24
		2	42
		4	151
		6	261
Diatraea lineolata Walk.	- - - - -	6	222
Diatraea saccharalis Fab.	- - - - -	1	8, 23
		3	85
		4	145
		6	251
		7	297
		8	341
		9	376
		10	396

Diatraea zeacolella Dyar	5	169
	6	225-226
	7	279-280
Dichomeris marginellus Fab.	7	300
Diestrammena japonica Blatch.	1	23
Dilachnus thujaefolia Theob.	2	41
	3	87
Diplotaxis excavata Lec.	3	72
Diplopeltis fuscopunctata Planch.	4	153
Disholcaspis mamma Walsh	4	148
Dissosteira carolina L.	9	361
Dolopius lateralis Esch.	5	164
Dysdercus suturellus H. S.	1	22
Dyslobus decoratus Lec.	4	127
Dyslobus granicollis Lec.	4	127
Eccoptogaster quadrispinosus Say. See Scolytus quadrispinosus Say		
Ecdytolopha insiticiana Zell.	2	43
Echidnophaga gallinacea Westw.	1	26
	3	95
	6	267
Elasmopalpus lignosellus Zell.	4	145
	6	226
	7	279
	8	332
	9	373
Elateridae	2	33
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	4	103, 106-107
	5	161, 163-164
	6	213, 218
	7	271, 275
	8	311, 316-317, 351-352
	10	385
Eleodes opaca Say	1	10
	4	138
	10	385
Elloptia fervidaria somniaria Hulst	8	346
Elloptia fiscellaria Guen.	3	54
	6	215-216
	7	273
	8	313, 342
Emphytus canadensis Kby.	6	264
	7	304
Empoa rosae L.	6	237
Empoasca fabae Harr.	3	78-79
	4	135
	5	186-187
	6	244-245
	7	280, 292
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<i>Empoasca mali</i> LeB.	6	230
	9	373
<i>Empoasca rosae</i> L.	6	230
<i>Empoasca unicolor</i> Gill.	6	230
<i>Empria maculata</i> Nort.	6	246
	9	372
<i>Enarmonia pyricolana</i> Murtf.	9	365
<i>Endelomyia rosae</i> Harr. See <i>Caliroa aethiops</i> Fab.		
<i>Epargyreus tityrus</i> Fab.	8	345-346
<i>Epicaerus imbricatus</i> Say	5	191
<i>Epicauta cinerea</i> Forst.	7	303
<i>Epicauta cinerea marginata</i> Fab.	6	242
	7	296
<i>Epicauta ferruginea</i> Say	5	203
<i>Epicauta lemniscata</i> Fab.	4	135
<i>Epicauta pennsylvanica</i> DeG.	4	140
	7	303
<i>Epicauta</i> sp.	6	242
<i>Epicauta vittata</i> Fab.	6	243
<i>Epilachna borealis</i> Fab.	4	139
	6	250
<i>Epilachna corrupta</i> Muls.	3	52,82
	4	104,139-140
	5	162,188-189
	6	214,247-248
	7	272,293-294
	8	336-337
	9	360,372-373
	10	394-395
<i>Epinotia subviridis</i> Heinr.	10	402
<i>Epitrix cucumeris</i> Harr.	5	186-187,191-192
	6	244
	7	292,297
	8	333
<i>Epitrix fuscula</i> Crotch	3	79
<i>Epitrix parvula</i> Fab.	2	40
	3	85
	4	144
	5	193-194
	6	243,251
	7	297
<i>Epitrix subcrinita</i> Lec.	7	292
<i>Epochra canadensis</i> Loew	4	129
	6	239
<i>Erannis tiliaria</i> Harr.	3	54
<i>Eriocampoides amygdalina</i> Rohw.	8	323
<i>Eriocampoides limacina</i> Retz.	6	232
<i>Eriophyes avellanae</i> Nal.	5	162,181-182
	10	402
<i>Eriophyes oleivorus</i> Ashm.	4	131-132
<i>Eriophyes pyri</i> Pgst.	1	8,12-13
	4	124
	6	232

<i>Eriophyes thujae</i> Garman	9	377
<i>Eriosoma americanum</i> Riley	6	255
<i>Eriosoma lanigerum</i> Hausm.	3	63
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<i>Erythraspides pygmaea</i> Say	6	238
<i>Erythroneura comes</i> Say	6	238
	7	288
	8	328
	9	367
<i>Erythroneura obliqua</i> Say	8	326
<i>Estigmene acraea</i> Drury	3	85
	6	225
<i>Eubadizon</i> sp.	7	285
<i>Euetheola rugiceps</i> Lec.	3	85
	4	113
<i>Eulia velutinana</i> Walk.	8	351
<i>Eumerus</i> spp.	6	263
	8	352-353
<i>Eumerus strigatus</i> Fallen	3	91
	9	379
<i>Eumerus tuberculatus</i> Rond.	4	152
<i>Euphoria inda</i> L.	9	367
<i>Euphoria</i> spp.	8	321
<i>Euschausia argentata</i> Pack.	4	147
<i>Euschistus servus</i> Say	3	70
<i>Euschistus tristigmus</i> Say	3	70
<i>Eusimulium pecuarum</i> Riley	3	93-94
	4	154
<i>Eusimulium</i> sp.	5	208
<i>Eutettix tenellus</i> Baker	3	84
	4	104, 142-143
	5	191
	7	296
	9	374
	10	395
<i>Euvanessa antiopa</i> L.	7	299
<i>Euxoa messoria</i> Harr.	5	166
<i>Euxoa ochrogaster</i> Guen.	6	215, 220
<i>Evergestis rimosalis</i> Guen.	4	137
<i>Feltia annexa</i> Treit.	3	57
	5	165, 166
	8	322
<i>Fenusia dohrnii</i> Tisch.	6	254
<i>Fenusia pumila</i> Klug	5	198
<i>Fidia viticida</i> Walsh	6	238
<i>Forficula auricularia</i> L.	1	27
	4	156
	8	350
<i>Formica fusca</i> L.	3	97
	5	208
<i>Formica rufa</i> L.	5	208
<i>Formicidae</i>	3	96

Frankliniella occidentalis Perg.	9	364
Frankliniella tritici Fitch	9	378
Galerucella xanthomelaena Schr.	6	254
	8	344
Gargaphia tiliae Walsh	7	300
Gastrophilus haemorrhoidalis L.	2	44
	6	266
Geoderces melanothrix Kby.	6	237
Geometridae	2	41
	4	121
Geshna cannalis Quaint.	3	90
	4	151
	5	203
	6	261
	7	303
Glycobius speciosus Say	4	147
Glypta rufiscutellaris Cress.	7	285
Goniurus proteus L.	4	140
Gossyparia spuria Modeer	3	88
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	6	255
	7	299
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Gracilaria syringella Fab.	4	151
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Gryllotalpa hexadactyla Perty	3	76
Gryllus assimilis Fab.	6	218
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	5	207
	6	265-266
	7	305
	8	354
Haematopinus eurysternus Nitzsch	4	154
Halisidota argentata Pack. See		
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Haltica bimarginata Say	4	150
Haltica chalybea Ill.	3	71
	5	180
Haltica ignita Ill.	3	81
Haltica ulmi Woods	4	146
Halticinae	1	20
Halticotoma valida Reut.	4	152

<i>Harmolita grandis</i> Riley	- - - - -	5	161, 167
		6	213, 221
		10	387
<i>Harmolita tritici</i> Fitch	- - - - -	8	319
<i>Harmologa fumiferana</i> Clem.	- - - - -	3	54
		5	201
		6	216, 258
		7	301
		8	347
		9	378
		10	399
<i>Harrisina brillians</i> B. & McD.	- - - - -	6	238
<i>Heliothis obsoleta</i> Fab.	- - - - -	3	58
		4	103, 111-112
		5	161, 168
		6	213, 223-224
		7	277-278
		8	320
		9	362-363
		10	387-388
<i>Heliothis virescens</i> Fab.	- - - - -	4	144
		5	194
<i>Heliothrips fasciatus</i> Perg.	- - - - -	8	337
<i>Heliothrips femoralis</i> Heeger	- - - - -	5	203
<i>Hellula undalis</i> Fab.	- - - - -	1	18
		4	138
		8	339
		9	371
<i>Hemerocampa leucostigma</i> S. & A.	- - - - -	3	86
		5	195-196
		6	253
		7	273, 297
		8	341
		10	397
<i>Hemerocampa pseudotsugata</i> McD.	- - - - -	6	216
		7	272, 297-298
		10	397
<i>Hemerocampa</i> sp.	- - - - -	6	216
<i>Hemerophila pariana</i> Clerck	- - - - -	5	175
		6	215
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<i>Hemichionaspis aspidistrae</i> Sign.	- - - - -	2	43
<i>Hemileuca oliviae</i> Ckll.	- - - - -	3	60
		5	162, 171
<i>Herse cingulata</i> Fab.	- - - - -	7	297
<i>Heterocampa bilineata</i> Pack.	- - - - -	8	313, 343
<i>Heteroderes laurentii</i> Guer.	- - - - -	4	103, 107
		8	316
		10	385
<i>Heteroderes</i> sp.	- - - - -	3	55
<i>Hippelates</i> sp.	- - - - -	4	154

Hippodamia convergens Guer.	2	40
	9	374
Hippopsis lemniscata Fab.	8	350
Homaledra sabalella Chambers	1	24
Homalodisca sp.	4	133
Hoplia trivialis Harold	3	69
Horistonotus uhlerii Horn	3	56
	4	107
	5	163
	8	316
	10	385
Hylemyia antiqua Meig.	4	142
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	6	215, 250
Hylemyia brassicae Bouche	4	137
	5	187
	6	215, 245
	7	293
	8	335
Hylemyia ciliocrura Rond.	3	53, 59, 83
	4	133
	5	162, 184-185
	10	395
Hypera punctata Fab.	3	60
	5	171
Hypermallus villosus Fab.	3	87
	6	256
Hyphantria cunea Drury	5	182
	6	216, 239
	7	272, 273, 289, 298-299
	8	312, 329-330
Hypoderma bovis DeG.	4	154
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	6	265
Hypoderma lineatum DeWill.	2	32, 44-45
	5	206-207
	6	265
Hypoderma spp.	5	206
Hyponomeuta malinellus Zell.	7	283
Hysteronera setariae Thos.	3	70
	4	127
	6	236
Icerya purchasi Mask.	1	14, 25
	3	74
	4	132
	5	176
Ichthyura inclusa Hon.	6	259
Illinoia pisi Kalt.	1	11
	2	39
	3	59-60
	4	115
	8	313
	10	393

<i>Illinoia solanifolii</i> Ashm.	2	43
	3	84, 91
	4	135
	6	244
	8	333
<i>Illinoia solanifolii creeli</i> Baker	4	116
<i>Ips calligraphus</i> Germ.	7	300-301
<i>Ips grandicollis</i> Eich.	7	300-301
<i>Iridomyrmex humilis</i> Mayr	2	46
	3	97
	6	267
	7	306
<i>Itonida catalpae</i> Comst.	6	254
	7	299
<i>Janus integer</i> Nort.	5	181
<i>Kaliosysphinga ulmi</i> Sund.	5	198
<i>Kalotermes</i> sp.	9	379
<i>Lachnus thujafalinus</i> Del G.	6	260
<i>Laemophloeus pusillus</i> Schön.	3	99
<i>Lampra brunneicollis</i> Grote	4	128
<i>Laphyagma exigua</i> Hbn.	5	171
	6	241
<i>Laphyagma frugiperda</i> S. & A.	3	59
	4	103, 112-113
	5	161, 167-168
	6	214, 224
	7	278
	8	320
	9	359, 363
	10	386
<i>Lasioderma serricorne</i> Fab.	2	47
	3	98
	7	307
<i>Lasius interjectus</i> Mayr	2	46
	3	97
<i>Laspeyresia caryana</i> Fitch	2	36
	6	240
	7	289
	8	330
<i>Laspeyresia interstinctana</i> Clem.	9	364
<i>Laspeyresia molesta</i> Busck	1	13
	2	35
	3	52, 69-70
	4	125
	5	177-178
	6	214, 232-234
	7	271, 273, 285-287
	8	312, 327-328
	9	359, 365-366
	10	391
<i>Laspeyresia nigricana</i> Steph.	9	373
<i>Lecanium corni</i> Bouche	3	90
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Lecanium nigrofasciatum Perg.	6	261
Lecanium quercifex Fitch	3	88
	4	148
Lepidocyrtus cyaneus Tullb.	5	193
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Lepidosaphes beckii Newm.	1	14-15
	3	74
Lepidosaphes ulmi L.	3	67
	4	123
	5	176
	6	231
	8	352
Lepisma domestica Pack.	3	98
Lepisma saccharina L.	5	209
Leptinotarsa decemlineata Say	2	39
	3	53, 77-78
	4	104, 134-135
	5	186
	6	214, 215, 243-244
	7	291
	9	370
	10	394
Leptocoris trivittatus Say	2	41
	3	87
	9	376-377
Leptoglossus phyllopus L.	3	51, 58
	7	290
Leucaspis japonica Ckll.	1	25
Limax maximus L.	5	185
Lina scripta Fab.	3	89
	4	149
	5	201
Linopodes antennaeipes Banks	8	340
Liopus crassulus Lec.	6	264
Liponyssus bacoti Hirst	5	206
Liponyssus silviarum C. & F.	2	45-46
Listroderes apicalis Waterh.	1	16
Listroderes obliquus Gyll.	1	8, 16
	2	31, 38-39
	3	52, 75
	4	133
	9	360, 369
	10	396
Lithocolletis conglomeratella Zell.	6	257
Lithocolletis tremuloidella Braun	4	149
Lixus concavus Say	5	193
Locustidae	7	284
Lonchaea chalybea Wied.	1	15
Longistigma caryae Harr.	6	240, 259
	9	378
Longitarsus menthaphagus Gentner	8	339
Lophyrus abietis Harr.	6	257

<i>Loxostege similalis</i> Guen.	4	136
	5	169
	6	242
	7	281
	8	312, 323-324
<i>Lucilia caesar</i> Meig.	2	46
<i>Ludius inflatus</i> Say	5	164
<i>Luperodes varicornis</i> Lec.	5	170
	6	226
<i>Lycophotia astricta</i> Morr.	4	128
<i>Lycophotia margaritosa</i> saucia Hbn.	3	56
	8	318
<i>Lycophotia occulta</i> L.	4	128
<i>Lyctus</i> sp.	1	27
	2	46-47
<i>Lygidea mendax</i> Reut.	4	122
<i>Lygus pratensis</i> L.	1	13
	3	76
	4	124
	8	314, 349-350
	9	365
<i>Lynchia maura</i> Bigot	3	95
	4	105, 155
	8	355
<i>Macrobasis immaculata</i> Say	7	303
<i>Macrobasis unicolor</i> Kby.	5	185-186
<i>Macrocentrus aencylivora</i> Rohw.	7	285
<i>Macrocentrus delicatus</i> Cress.	7	285
<i>Macrocentrus</i> sp.	7	285
<i>Macrodactylus subspinosus</i> Fab.	5	205
	6	237-238
<i>Macronoctua onusta</i> Grote	4	151
	5	203
	6	262
	7	304
	8	351
<i>Macrosiphoniella sanborni</i> Gill.	3	90
	9	378
<i>Macrosiphum granarium</i> Kby.	3	51, 58
<i>Macrosiphum kaltenbachii</i> Schout.	4	143
<i>Macrosiphum rosae</i> L.	3	91
	4	153
<i>Macrosiphum rosaefolium</i> Theob. See <i>Illinoia solanifolii</i> Ashm.		
<i>Macrosiphum rudbeckiae</i> Fitch	8	351
<i>Macrosiphum sanborni</i> . See <i>Macrosiphoniella sanborni</i> Gill.		
<i>Macrosiphum solanifolii</i> Ashm. See <i>Illinoia solanifolii</i> Ashm.		
<i>Magdalalis armicollis</i> Say	3	88

Malacosoma americana Fab.	2	40
	3	52, 64
	4	119-120
	5	174
	6	229
	10	391
Malacosoma disstria Hbn.	4	120
	5	196
	6	216, 252-253
	10	399
Malacosoma fragilis Stretch	6	252
	8	312, 342
	10	399
Malacosoma pluvialis Dyar	4	120
	6	252-253
	10	399
Malacosoma spp.	4	120
	6	216
Mamestra picta Harr.	6	242
	8	314, 350
Mansonia perturbans Walk.	3	92
Mecas inornata Say	5	205
	6	259
Mecas saturnina Lec.	6	259
Megachile brevis Say	6	256
Megalopyge opercularis S. & A.	8	354
Megilla maculata DeG.	7	279
Melanolestes picipes H. S.	3	92
Melanoplus atlantis Riley	4	106
	5	163
	6	217
	7	274
	8	315, 316
Melanoplus bivittatus Say	4	106
	5	163
	6	217
	7	274
	8	315, 316
	9	361
Melanoplus differentialis Thos.	4	106
	7	274
	8	315
Melanoplus femur-rubrum DeG.	6	217
	7	274
	8	315
	9	361
Melanotus communis Gyll.	6	218
Melanotus cribulosus Lec.	6	218
	7	275
Melanotus fissilis Say	5	163
	6	218

Melanotus oregonensis Lec.	5	164
Melanotus sp.	4	106
	5	163
	8	316
	10	385
Melanoxantherium smithae Monell	8	348
Melasoma scripta Fab. See		
Lina scripta Fab.		
Melittia satyriniformis Hbn.	6	249-250
	7	295
Meloidae	6	242
Melophagus ovinus L.	3	94
Merodon equestris Fab.	6	263
	8	352
Meromyza americana Fitch	7	272
Meropleon cosmion Dyar	4	145
Metriona bivittata Say	6	251
Mineola indigenella Zell.	3	65
	9	364
Miselia purpurigera Walk.	4	128
Mollusca	2	31,40
	3	85
	5	185
Monarthropalpus buxi Labou.	4	105,150
	10	402
Monellia costalis Fab.	3	71
	6	240
Monellia sp.	2	36
	3	71
Monocesta coryli Say	6	255
Monochamus titillator Fab.	3	88
Monocrepidius bellus Say	1	19
Monocrepidius sp.	4	106
Monocrepidius vespertinus Fab.	4	144
Monomorium minimum Buck.	3	97
	5	209
Monomorium minutum Mayr. See		
Monomorium minimum Buck.		
Monoptilotata pergratialis Hulst	5	188
	6	249
	8	337
Murgantia histrionica Hahn	1	19
	2	39
	3	52,79-80
	4	137
	5	187
	7	293
	8	334-335
	10	394
Musca domestica L.	2	44
	3	92

Myelois venipars Dyar - - - - -	7	291
Mylabridae - - - - -	1	20,28
Mylabris obtectus Say - - - - -	3	99
Myriapoda - - - - -	3	77
Myzocallis fumipennellus Fitch - - - - -	3	71
	4	130
	6	240
	7	289
	8	330
Myzocallis kahawaluokalani Kirk. - - - - -	2	42
	7	304
	9	379
Myzus cerasi Fab. - - - - -	4	127
	5	179
	6	235-236
	7	273
Myzus houghtonensis Troop - - - - -	3	70-71
	6	239
	8	328
Myzus persicae Sulz. - - - - -	1	24-25
	2	43
	3	73, 78, 79
	4	136, 143
	8	338, 339
Myzus ribis L. - - - - -	4	129
	5	181
	6	239
Myzus rosarum Kalt. - - - - -	4	150
Nasutitermes morio Latr. - - - - -	1	27
Necrobia rufipes DeG. - - - - -	4	157
Nematus erichsoni Hartig - - - - -	5	199
	8	345
Neoclytus capraea Say - - - - -	4	146
Neodiprion banksiana Rohw. - - - - -	7	273
Neodiprion dyari Rohw. - - - - -	3	53, 88-89
	6	257
Neodiprion lecontei Fitch - - - - -	8	347
Neophasia menapia Feld. - - - - -	7	272, 301
Nephelodes emmedonia Cram. - - - - -	3	53
Nepticula sericopeza Zell. - - - - -	6	256
Neuroterus saltatorius Hy. Edw. - - - - -	8	355
Neurotoma inconspicua Nort. - - - - -	6	236
Nezara viridula L. - - - - -	1	22
	3	70, 79
	4	140
	5	185
	6	242
	7	291
	8	332
	9	360, 369

Noctuidae	1	7, 9, 19
	3	51, 56-57
	4	109-110
	5	161, 165-166
	8	322
	10	385
<i>Nodonota clypealis</i> Horn	6	263
<i>Nodonota puncticollis</i> Say	4	152
	6	231
<i>Notolophus antiqua</i> L.	7	273
<i>Nygmia phaeorrhoea</i> Don.	5	195
	10	398
<i>Nysius ericae</i> Schill.	4	115
	5	192
<i>Oberea bimaculata</i> Oliv.	6	237
<i>Oecanthus niveus</i> DeG.	4	128
<i>Oestrus ovis</i> L.	7	272, 306
<i>Oligia fractilinea</i> Grote	5	165
<i>Oncideres cingulatus</i> Say	9	376
<i>Onicideres trinotatus</i> Casey	9	378
<i>Cniscidae</i>	3	77
<i>Onychiurus pseudarmatus</i> Folsom	3	58
<i>Orchestes pallicornis</i> Say	4	122
	5	175-176
	8	312, 326
<i>Ormenis pruinosa</i> Say	7	303
<i>Ormenis septentrionis</i> Spin.	6	261, 262
<i>Oxyptilus periselidactylus</i> Fitch	5	180
<i>Pachypsylia celtidismamma</i> Riley	6	255
<i>Paleacrita vernata</i> Peck	1	11-12
	2	41
	3	64
	5	197
<i>Pantomorus fulleri</i> Horn	1	13
	8	350
<i>Papaipema nebris</i> nitela Guen.	3	59
	4	112
	5	168-169
	6	222-223
	7	278
	8	350
	10	387
<i>Papaipema purpurifascia</i> G. & R.	7	303
<i>Paralechia pinifoliella</i> Chamb.	8	347
<i>Paratetranychus citri</i> McGee	8	331
<i>Paratetranychus pilosus</i> C. & F.	1	8, 12
	2	35
	3	65-66
	4	123
	6	231
	7	283
	8	314
	10	392

Paria cancella Fab.	3	81
	8	335
Paria cancella quadrimotata Say	8	335
Pectinophora gossypiella Saund.	1	21
	9	360, 375
	10	403
Pegomyia hyoscyami Panz.	5	192
Pemphigus acerifolii Riley	4	147
	5	200
Pemphigus populi-transversus Riley	2	40
	9	375
Pentatomidae	1	18
Peregrinus maidis Ashm.	4	113
	7	279
Peridroma saucia Hon. See Lycophotia margaritosa saucia Hon.		
Periphyllus lyropictus Kess.	5	200
	6	256
Periphyllus negundinis Thos.	5	198
	6	254
Peronea variana Fern.	7	273
	10	400
Phalacrus politus Melsh.	7	276
Phasmidae	9	376
Pheletes agonus Say	5	163
Pheletes californicus Mann.	3	55-56
	4	103
Pheletes canus Lec.	5	164
Pheletes occidentalis Cand.	3	55
	4	107
	5	164
Pheletes spp.	4	103
	10	385
Pheletes venustissi Wick.	5	164
Phloeoecinus cristatus Lec.	8	344
	9	377
Phloeoecinus dentatus Say	4	147
Phlyctaenia ferrugalis Hon.*	1	20
	4	150
Pholus achemon Drury	7	283
Phora sp.	8	340
Phorbia rubivora Coq.	6	237
	8	328
Phormia regina Meig.	6	266
Phthorophloeus liminaris Harr.	5	179
Phyllocoptes quadripes Shim.	5	200
	6	256

\* Misdetermined - should be Phlyctaenia rubigalis Guer in the United States.

Phyllocoptes schlectendali Nal.	5	204
	7	284
Phyllophaga arkansana Schaeaf.	6	219
Phyllophaga fusca Froel.	4	108
	5	164
	8	317
Phyllophaga gibbosa Burm.	4	108
Phyllophaga hirticula Knoch	4	108
Phyllophaga micans Knoch	6	219
Phyllophaga praetermissa Horn	6	219
Phyllophaga prunina Lec.	6	219
Phyllophaga rubiginosa Lec.	3	56
Phyllophaga spp.	2	33
	3	56
	4	108-109
	5	161, 164
	6	218-219
	7	302
	8	313, 317
	9	361
	10	384
Phyllophaga tristis Fab.	6	219
Phyllophaga ulkei Smith	6	219
Phyllotoma nemorata Fallen	5	197
	8	313, 343-344
Phyllotreta sinuata Steph.	6	243
Phyllotreta vittata Fab.	1	18
	4	138
	5	187-188
	6	243
	7	272
Phyllotreta vittata discedens Weise	4	137-138
Phyllotreta zimmermanni Crotch	4	137-138
Phylloxera caryaevallana Riley	4	130
Phylloxera caryaecaulis Fitch	4	147
Phylloxera devastatrix Perg.	4	130
	5	182
	6	240
Phylloxera notabilis Perg.	4	130
	5	182
	6	240
Phylloxera spp.	3	88
	4	130
	5	182, 199
	6	240
	7	300
Physokermes piceae Schrank	5	202
Phytalus sp.	6	257
Phytomyza chrysanthemi Kowarz	5	205
Phytonomus posticus Gyll.	4	115
	5	171
	6	226
	8	311, 323
	10	385

Phytophaga destructor Say - - - - -	1	9
	2	31, 33-34
	3	51, 57
	4	103, 110-111
	6	213, 220-221
	7	271, 276
	8	311, 318-319
	9	359, 361-362
	10	386-387
Phytophaga ulmi Beut. - - - - -	5	198
Pieris rapae L. - - - - -	3	79
	4	136
	6	245
	7	292
	8	314, 334
	9	371
Pissodes deodarae Hopk. - - - - -	2	41
	3	87
	4	146
	5	198
Pissodes rotundatus Lec. - - - - -	8	347-348
Pissodes strobi Peck - - - - -	4	148
	7	301
	8	348
	10	401
Plagiodera versicolora Laich. - - - - -	4	105, 149-150
Plagionotus speciosus Say. See		
Glycobius speciosus Say		
Plodia interpunctella Hbn. - - - - -	1	27
Plusia simplex Guen. See		
Autographa falcifera Kby.		
Plutella maculipennis Curt. - - - - -	3	80
	8	334
Podosesia fraxini Lugar - - - - -	4	146
Podosesia syringae Harr. - - - - -	3	90
	7	304
	8	352
Pogonomyrmex badius Latr. - - - - -	3	97
Pogonomyrmex occidentalis Cress. - - - - -	5	208
Polistes spp. - - - - -	4	112
Pollenia rudis Fab. - - - - -	2	44
Polychrosis viticana Clem. - - - - -	4	128
	8	312, 328
	9	367
Polyphylla spp. - - - - -	6	246
Pomphopoea sayi Lec. - - - - -	6	235
Pontia rapae L. See		
Pieris rapae L.		
Popillia japonica Newm. - - - - -	4	109
	5	164-165
	6	227
	10	389

Porosagrotis orthogonia Morr. - - - - -	4	110
	5	165
	6	213, 214, 220
Porthetria dispar L. - - - - -	5	162, 195
	7	273
	10	397-398
Frenolepis sp. - - - - -	5	209
Prionus laticollis Drury - - - - -	8	326
Prociphilus imbricator Fitch - - - - -	8	342-343
Prociphilus tessellatus Fitch - - - - -	5	200
Prodenia eridania Cram. - - - - -	5	166
Prodenia ornithogalli Guen. - - - - -	5	166
	8	318, 322
Prosenia siberita Fab. - - - - -	6	227
Prosimulium pecuarum Riley. See Eusimulium pecuarum Riley		
Proteoptyryx bolliana Sling. - - - - -	3	71-72
Protoparce quinquemaculata Haw. - - - - -	5	194
	8	334
	9	370
Protoparce sexta Johan. - - - - -	4	144
	5	194
	9	370
Protoparce spp. - - - - -	1	22
	5	194
Pseudonidia duplex Chll. - - - - -	1	25
Pseudococcus boninsis Kuwana - - - - -	3	53, 85
	9	376
	10	402
Pseudococcus citri Risso - - - - -	3	73, 89-90
	9	379
Pseudococcus gahani Green - - - - -	2	37
	3	74
	8	331
	9	368
	10	393
Pseudococcus sp. - - - - -	8	351
Pseudophilippia quaintancii Chll. - - - -	8	347
Pseudophyllinae - - - - -	1	15
Psyllia buxi L. - - - - -	4	150
Psyllia mali Schmid. - - - - -	3	54
	6	215
	7	273
Psyllia pyricola Foerst. - - - - -	3	67
	4	124
	5	176-177
	6	231-232
	7	284
	9	359, 365
Psylliodes punctulata Melsh. - - - - -	9	375
Pterochlorus viminalis Boyer - - - - -	9	378
Pteronidea ribesii Scop. - - - - -	5	180-181
	6	238-239

Pteronus ventralis Say - - - - -	6	259
Ptinus fur L. - - - - -	3	98
Fulvinaria vitis L. - - - - -	1	25
	4	148
	5	200
	6	256-257
	7	300
	8	346
Pyrausta ainsliei Hein. - - - - -	3	58-59
Pyrausta nubilalis Hbn. - - - - -	1	10
	3	58
	6	222
	7	279
	8	313, 320
	10	388-389
Rasahus thoracicus Stål - - - - -	8	338
Reticulitermes flavipes Kol. - - - - -	3	96
Reticulitermes spp. - - - - -	1	14, 26-27
	2	46
	3	95-96
	4	155-156
	6	267
	7	306
	8	355
	10	401
Rhabdopterus picipes Oliv. - - - - -	6	231
Rhagoletis cingulata Loew - - - - -	5	179
	6	236
Rhagoletis fausta O. S. - - - - -	5	179
	6	236
Rhagoletis juglandis Cross. - - - - -	9	359, 368
Rhagoletis pomonella Walsh - - - - -	6	230-231
	7	271, 283-284
	8	312, 314, 325
	10	402
Rhipicephalus sanguineus Latr. - - - - -	3	94
	4	154-155
Rhizoglyphus hyacinthi Boisd. - - - - -	1	24
	4	151
	9	379
Rhodites bicolor Harr. - - - - -	4	153
Rhopalosiphum prunifoliae Fitch - - - - -	1	10
	3	51, 58, 61, 63
	4	117-118
	5	173
	9	364
Rhopalosiphum pseudobrassicae Davis - - -	1	18
	3	84
	7	272
	8	313, 338, 339
	9	373-374

Rhopobota naevana Kearf.	6	262
Rhyacionia buoliana Schiff.	5	201
Rhyacionia frustrana Comst.	4	148-149
	6	257
	7	301
	10	399
Rhyacionia frustrana bushnelli Busck. See Rhyacionia frustrana Comst.		
Rhynchites bicolor Fab.	5	205
Romalea microptera Beauv.	4	106
	5	163
	6	217
	10	384
Saissetia hemisphaerica Targ.	3	91
Samia cecropia L.	5	195
Sannina uroceriformis Walk.	2	36
Sarcoptes scabiei suis DeG.	5	208
Scapteriscus acletus R. & H.	1	17
	2	38
	3	76
	5	185
	9	370
Scapteriscus sp.	4	134
	5	185
	8	332
	9	370
Scapteriscus vicinus Scud.	4	134
	6	258
	8	333
	9	370
Schistoceros hamatus Fab. See Amphicerus bicaudatus Say		
Schizocerus ebenus Nort.	6	251
	8	339
Schizura concinna S. & A.	6	230
	7	282
	8	329
Schottella sp.	8	312, 340
	10	402
Sciara sp.	8	340
Sciaridae	5	193
Sciopithes obscurus Horn	6	237
	8	328, 348-349
Scirtes tibialis Guer.	6	240
Scirtothrips citri Moult.	4	131
	6	241
Scolothrips sexmaculatus Perg.	9	367
Scolytus quadrispinosus Say	3	72-73
	8	345
Scolytus ventralis Lec.	10	401
Scutigera forceps Raf.	3	98

<i>Scutigerella immaculata</i> Newp.	- - - - -	6	260
		7	303
<i>Scolandria rosae</i> Ashm. See			
<i>Caliroa cattiops</i> Fab.			
<i>Sesia pictipes</i> G. & R.	- - - - -	3	68
		6	236
		10	401
<i>Sesia scitula</i> Harr.	- - - - -	6	240
<i>Sibine stimulea</i> Clem.	- - - - -	6	265
<i>Simuliidae</i>	- - - - -	3	53, 93
		4	155
<i>Simulium jenningsi</i> Malloch	- - - - -	3	94
<i>Simulium meridionale</i> Riley	- - - - -	6	266
<i>Simulium vittatum</i> Zett.	- - - - -	5	208
<i>Siphonaptera</i>	- - - - -	1	26
		3	92
<i>Sitodrepa panicea</i> L.	- - - - -	3	99
<i>Sitotroga cerealella</i> Oliv.	- - - - -	7	306-307
<i>Solenopsis geminata</i> Fab.	- - - - -	3	82, 97
		5	209
		8	331
		9	369
<i>Solenopsis saccharinica</i> richteri Forel	- - -	6	241
<i>Sphenophorus aequalis</i> Gyll.	- - - - -	3	59
<i>Sphenophorus parvulus</i> Gyll.	- - - - -	5	170
<i>Sphenophorus</i> spp.	- - - - -	4	113
		7	280
<i>Spilonota ocellana</i> Schiff.	- - - - -	4	121
		6	230
<i>Stephanoderes</i>	- - - - -	1	8, 15
<i>Stephanitis rhododendri</i> Horv.	- - - - -	3	363
<i>Sternochus paludatus</i> Casey	- - - - -	5	190
<i>Stictocephala festina</i> Say	- - - - -	3	33
		3	323
<i>Stilpnotia salicis</i> L.	- - - - -	4	104, 149
		5	195
		5	216, 253
		8	313, 342
		10	398
<i>Stiretrus anchorago</i> personatus Germ.	- - - -	5	189
		5	248
<i>Stomoxys calcitrans</i> L.	- - - - -	6	266
		7	305
		6	354
<i>Strigoderma arboricola</i> Fab.	- - - - -	5	190
		6	227
<i>Synanthedon acerni</i> Clem.	- - - - -	2	42
<i>Syntomeida epilais</i> Walk.	- - - - -	5	204
<i>Syrphidae</i>	- - - - -	3	61
<i>Systema elongata</i> Fab.	- - - - -	6	243
<i>Systema frontalis</i> Fab.	- - - - -	6	243

Systema taeniata Say - - - - -	5	192
	5	247
	9	374
Tabanidae - - - - -	6	266
	7	306
Tabanus americanus Forst. - - - - -	3	93
Tabanus atratus Fab. - - - - -	3	93
Tabanus lasiophthalmus Macq. - - - - -	5	207
Tabanus lineola Fab. - - - - -	3	93
Tachinidae - - - - -	7	274
Tachypteronellus quadrigibbus Say - - - - -	6	215
	8	326
Tarsonemus approximatus narcissi Ewing - - -	6	263
Tarsonemus pallidus Banks - - - - -	7	293, 304
	8	349
Tenebrio molitor L. - - - - -	3	98
Tenebroides mauritanicus L. - - - - -	1	27
Tetanops aldrichi Hendel - - - - -	5	192
Tetranychus pacificus McG. - - - - -	6	260
	8	329
	9	367
Tetranychus sp. - - - - -	8	329
Tetranychus telarius L. - - - - -	1	22
	3	81, 89
	4	138
	5	202
	6	243, 259-260
	7	295, 302
	8	314, 349
Thrips tabaci L. - - - - -	1	20-21
	2	31, 39-40
	3	83
	4	142
	5	191
	6	250
	7	296
	8	339
	9	378
Thyridopteryx ephemeraeformis Haw. - - - - -	2	40
	3	86
	4	145
	5	196
	6	253
	7	272, 298
	8	341
	10	397
Thysanoptera - - - - -	5	185
Tibicen cinctifera Uhl. - - - - -	6	241

<i>Tibicina septendecim</i> L.	3	86
	4	103, 145
	5	162, 194-195
	6	252
	8	341
	10	396, 401
<i>Timarcha intricata</i> Hald.	6	246
<i>Tiphia</i> sp.	4	108
<i>Tiphia vernalis</i> Rohw.	6	227
<i>Tipulidae</i>	3	77
	4	143
<i>Toumeyella liriodendri</i> Gmel.	1	26
	7	301
<i>Toumeyella numismaticum</i> P. & McD.	4	149
<i>Toxoptera graminum</i> Rond.	1	7, 9-10
	2	34
	10	387
<i>Trachymyrmex septentrionalis obscurior</i>		
<i>seminole</i> Wheeler	5	235
<i>Trama erigeronensis</i> Thos.	6	261
<i>Trialeurodes packardi</i> Morrill	8	336
<i>Trichobaris mucorea</i> Lec.	5	186
<i>Trichodectes scalaris</i> Nitzsch	2	45
<i>Trichogramma minutum</i> Riley	6	251
	7	285, 297
	8	341
	10	396
<i>Trionymus bonensis</i> Kuw. See <i>Pseudococcus bonensis</i> Kuw.		
<i>Trirhabda brevicollis</i> Lec.	5	184
<i>Trombicula irritans</i> Riley	3	93
	5	206
	6	265
	7	305
<i>Tyloderma fragariae</i> Riley	3	81
	6	246
<i>Tyloderma morbillosa</i> Lec.	8	312, 335
<i>Typhlocyba pomaria</i> McAtee	5	175
	8	325-326
<i>Typophorus viridicyaneus</i> Crotch	5	193
<i>Tyroglyphidae</i>	5	193
<i>Zeuzera pyrina</i> L.	9	376
<i>Zophodia grossulariae</i> Riley	4	129
<i>Xylobiops basilare</i> Say	8	330
<i>Xylocopa virginica</i> Drury	5	209
	6	267

We wish particularly to urge upon our collaborators the use of the common names accepted by the Association and which should be considered as official names by all American Economic Entomologists. These approved common names are indicated by the l. c. a. n. o. (americanus nomina officinale).

Achemon sphinx a.n.o.	Pholus achemon Drury
Alder flea beetle	Haltica bimarginata Say
Alfalfa thrips	Frankliniella occidentalis Perg.
Alfalfa weevil a.n.o.	Phytonomus posticus Gyll.
American dog tick a.n.o.	Dermacentor variabilis Say
Angoumois grain moth a.n.o.	<i>Sitotroga cerealella</i> Cltr.
Apple and thorn skeletonizer	Hemerophila pariana Clerck
Apple aphid a.n.o.	Aphis pomi Deg.
Apple curculio a.n.o.	Tachypterus quadrivittatus Say.
Apple flea weevil a.n.o.	Orcheses pallicornis Say
Apple fruit worm	Argyresthia conjugella Zell.
Apple grain aphid a.n.o.	Rhopalosiphum prunifoliae Fitch
Apple maggot a.n.o.	Rhagoletis pomonella Walsh
Apple redbug a.n.o.	Lygidea mendax Reut.
Apple twig borer a.n.o.	Amphicerus bicaudatus Say
Apple twig pruner	Hypermallus villosus Fab.
Arborvitae aphid	Lachnus thujaefalinus Del. G.
Argentine ant a.n.o.	Iridomyrmex humilis Mayr
Argus tortoise beetle a.n.o.	Chelymorpha cassidea Fab.
Armyworm a.n.o.	Cirphis unipuncta Haw.
Ash borer	Podosesia fraxini Lugar
Ash-gray blister beetle a.n.o.	Macrobasis unicolor Kby.
Asiatic beetle a.n.o.	Anomala orientalis Waterh.
Asiatic garden beetle	Aserica castanea Arrow
Asparagus beetle a.n.o.	Crioceris asparagi L.
Bagworm a.n.o.	Thyridopteryx ephemeraeformis Haw.
Banded ash borer	Neoclytus capraea Say
Banded cucumber beetle a.n.o.	Diabrotica balteata Lec.
Banded flea beetle a.n.o.	Systema taeniata Say
Bar-winged onion fly	Chaetopsis aenea Wied.
Bean leaf beetle a.n.o.	Cerotoma trifurcata Forst.
Bean leaf roller a.n.o.	Goniurus proteus L.
Bean thrips	Heliothrips fasciatus Perg.
Bean weevil a.n.o.	Mylabris obtectus Say
Bedbug a.n.o.	Cimex lectularius L.
Beet armyworm a.n.o.	Laphygma exigua Hbn.
Beet leafhopper a.n.o.	Eutettix tenellus Baker
Bertha armyworm	Parathra configurata Walk.
Birch leaf miner	Fenusia pumila Klug
Birch leaf-mining sawfly	Phyllotoma nemorata Fallen
Biting cattle louse	Trichodectes scalaris Nitzsch
Black blister beetle a.n.o.	Epiceuta pennsylvanica Deg.
Black blowfly	Phormia regina Meig.
Black cherry aphid a.n.o.	Myzus cerasi Fab.
Black corsair	Melanolestes picipes H. S.
Black-headed fireworm a.n.o.	Rhopobota naevana Hbn.

Black house ant	.....	Monomorium minimum Buck.
Black vine weevil	.....	Brachyrhinus sulcatus Fab.
Black walnut curculio	.....	Conotrachelus retentus Say
Blue-grass billbug	.....	Sphenophorus parvulus Gyll.
Boll weevil a.n.o.	.....	Anthonomus grandis Boh.
Boxelder aphid a.n.o.	.....	Periphyllus negundinis Thos.
Boxelder bug a.n.o.	.....	Leptocoris trivittatus Say
Boxwood leaf miner a.n.o.	.....	Monarthropalpus buxi Labou.
Boxwood psyllid	.....	Psyllia buxi L.
Bronze birch borer a.n.o.	.....	Agrilus anxius Gory
Brown dog tick a.n.o.	.....	Rhipicephalus sanguineus Latr.
Brown-tail moth a.n.o.	.....	Nygmia phaeorrhoea Don.
Buffalo treehopper a.n.o.	.....	Ceresa bubalus Fab.
Bulb mite	.....	Rhizoglyphus hyacinthi Boisd.
Bumble flower beetle	.....	Euphoria inda L.
Butternut curculio	.....	Conotrachelus juglandis Lec.
Cabbage aphid a.n.o.	.....	Brevicoryne brassicae L.
Cabbage looper a.n.o.	.....	Autographa brassicae Riley
Cabbage maggot a.n.o.	.....	Hylemyia brassicae Bouche
Cabbage webworm a.n.o.	.....	Hellula undalis Fab.
California red scale a.n.o.	.....	Chrysomphalus aurantii Mask.
Camphor scale a.n.o.	.....	Pseudaonidea duplex Ckll.
Camphor thrips a.n.o.	.....	Cryptothrips floridensis Watson
Carpenter bee	.....	Zylocopa virginica Drury
Carpet beetle a.n.o.	.....	Anthrenus scrophulariae L.
Catalpa midge	.....	Itonida catalpae Comst.
Catalpa sphinx a.n.o.	.....	Ceratomia catalpae Boisd.
Cat flea a.n.o.	.....	Ctenocephalus felis Bouche
Cecropia moth a.n.o.	.....	Samia cecropia L.
Cedar bark beetle	.....	Phloeosinus dentatus Say
Celery looper a.n.o.	.....	Autographa falcifera Kby.
Chain-spotted geometer a.n.o.	.....	Cingilia catenaria Drury
Changa a.n.o.	.....	Scapteriscus vicinus Scud.
Chigger a.n.o.	.....	Trombicula irritans Riley
Chinch bug a.n.o.	.....	Blissus leucopterus Say
Chrysanthemum aphid a.n.o.	.....	Macrosiphoniella sanborni Gill.
Chrysanthemum gall midge a.n.o.	.....	Diarthronomyia hypogaea Loew
Chrysanthemum lacebug	.....	Corythucha marmorata Uhl.
Cigar case bearer a.n.o.	.....	Coleophora fletcherella Fern.
Cigarette beetle a.n.o.	.....	Lasioderma serricorne Fab.
Citrophilus mealybug a.n.o.	.....	Pseudococcus gahani Green
Citrus aphid	.....	Aphis spiraecola Patch
Citrus mealybug a.n.o.	.....	Pseudococcus citri Risso
Citrus red spider	.....	Paratetranychus citri McG.
Citrus rust mite a.n.o.	.....	Eriophyes oleivorus Ashm.
Citrus whitefly a.n.o.	.....	Dialeurodes citri Ashm.
Clear-winged grasshopper a.n.o.	.....	Camnula pellucida Scud.
Clover aphid a.n.o.	.....	Anuraphis bakeri Cowan
Clover head caterpillar a.n.o.	.....	Laspeyresia interstinctana Clem.
Clover leaf weevil a.n.o.	.....	Hypera punctata Fab.
Clover mite a.n.o.	.....	Bryobia praetiosa Koch

Clover seed midge a.n.o. ....	Dasyneura leguminicola Lint.
Cluster fly a.n.o. ....	Pollenia rudis Fab.
Codling moth a.n.o. ....	Carpocapsa pomonella L.
Coffee-bean weevil a.n.o. ....	Araecerus fasciculatus DeG.
Coffee tree cricket ....	Pseudophyllinae.
Colorado corn root worm ....	Diabrotica virgifera Lec.
Colorado potato beetle a.n.o. ....	Leptinotarsa decemlineata Say
Columbine borer ....	Papaipema purpurifascia G. & R.
Common cattle grub ....	Hypoderma lineatum DeVill.
Corn ear worm a.n.o. ....	Heliothis obsoleta Fab.
Corn lantern fly ....	Peregrinus maidis Ashm.
Corn root aphid a.n.o. ....	Anuraphis maidiradicis Forbes
Corn root webworm a.n.o. ....	Crambus caliginosellus Clem.
Corn root worm a.n.o. ....	Diabrotica longicornis Say
Corn-silk beetle ....	Luperodes varicornis Lec.
Cotton leaf worm a.n.o. ....	Alabama argillacea Hbn.
Cotton plant bug ....	Adelphocoris rapidus Say
Cotton stainer a.n.o. ....	Dysdercus suturellus H. S.
Cottonwood leaf beetle a.n.o. ....	Lina scripta Fab.
Cottony-cushion scale a.n.o. ....	Icerya purchasi Mask.
Cottony maple scale a.n.o. ....	Pulvinaria vitis L.
Cowpea aphid a.n.o. ....	Aphis medicaginis Koch
Cowpea curculio ....	Chalcodermus aeneus Boh.
Cranberry root worm ....	Rhabdopterus picipes Oliv.
Crepe myrtle aphid ....	Myzocallis kahawaluokalani Kirk.
Cross-striped cabbage worm a.n.o. ....	Evergestis rimosalis Guen.
Currant aphid a.n.o. ....	Myzus ribis L.
Currant fruit fly a.n.o. ....	Epochra canadensis Loew
Currant stem girdler a.n.o. ....	Janus integer Nort.
Cyclamen mite a.n.o. ....	Tarsonemus pallidus Banks
Cypress twig borer ....	Phloeosinus cristatus Lec.
Dark cherry fruit fly ....	Rhagoletis fausta O. S.
Deodar weevil ....	Pissodes deodarae Hopk.
Diamond-back moth a.n.o. ....	Plutella maculipennis Curt.
Dog flea a.n.o. ....	Ctenocephalus canis Curt.
Douglas-fir beetle a.n.o. ....	Dendroctonus pseudotsugae Hopk.
Douglas-fir caterpillar ....	Euschausia argentata Pack.
Drug-store weevil a.n.o. ....	Sitodrepa panicea L.
Eastern lubber grasshopper a.n.o. ....	Romalea microptera Beauv.
Eastern spruce beetle a.n.o. ....	Dendroctonus piceaperda Hopk.
Eastern tent caterpillar a.n.o. ....	Malacosoma americana Fab.
Eggplant flea beetle a.n.o. ....	Epitrix fuscula Crotch
Eight-spotted forester a.n.o. ....	Alypia octomaculata Fab.
Elm cockscomb gall a.n.o. ....	Colopha ulmicola Fitch
Elm leaf beetle a.n.o. ....	Galerucella xanthomelaena Schr.
Elm leaf miner a.n.o. ....	Kaliosysphinga ulmi Sund.
Elm sawfly a.n.o. ....	Cimbex americana Leach
Elm scurfy scale a.n.o. ....	Chionaspis americana Johns.
English grain aphid a.n.o. ....	Macrosiphum granarium Kby.
Ermine moth a.n.o. ....	Hyponomeuta malinellus Zell.
Euonymus scale a.n.o. ....	Chionaspis euonymi Comst.
European corn borer a.n.o. ....	Pyrausta nubilalis Hbn.

European earwig a.n.o.....	Forficula auricularia L.
European elm scale a.n.o. ....	Gossyparia spuria Modeer
European fruit lecanium .....	Lecanium corni Bouche
European hen flea .....	Ceratophyllus gallinae Schrank
European pine shoot moth a.n.o. ....	Rhyacionia buoliana Schiff.
European red mite a. n. o, .....	Paratetranychus pilosus C. & F.
European willow beetle .....	Plagiodera versicolora Laich.
Eye-spotted budmoth a.n.o. ....	Spilonota ocellana Schiff.
Fall armyworm a.n.o. ....	Laphygrma frugiperda S. & A.
Fall canker worm a.n.o. ....	Alsophila pometaria Harr.
Fall webworm a.n.o. ....	Hyphantria cunea Drury
False chinch bug a.n.o. ....	Nysius ericae Schill.
Feather mite .....	Liponyssus silviarum C. & F.
Fern scale a.n.o. ....	Hemichionaspis aspidistrae Sign.
Filbert bud mite .....	Eriophyes avellanae Nal.
Fire ant a.n.o. ....	Solenopsis geminata Fab.
Fir sawfly .....	Lophyrus abietis Harr.
Fir scolytus .....	Scolytus ventralis Lec.
Flat grain beetle .....	Cryptolestes pusillus Schon.
Florida harvesting ant .....	Pogonomyrex badius Latr.
Florida red scale a.n.o. ....	Chrysomphalus ficus Ashm.
Foreign grain beetle .....	Cathartus advena Waltl.
Forest tent caterpillar a.n.o. ....	Malacosoma disstria Hbn.
Fowl tick a.n.o. ....	Argas miniatus Koch
Fruit tree leaf roller a.n.o. ....	Archips argyrospila Walk.
Fuller's rose beetle a.n.o. ....	Pantomorus fulleri Horn
Garden slug .....	Agriolimax agrestis L.
Garden webworm a.n.o. ....	Loxostege similalis Guen.
Giant aphid .....	Longistigma caryae Harr.
Giant root borer .....	Prionus laticollis Drury
Giant willow aphid .....	Pterochlorus viminalis Boyer
Giant skipper .....	Epargyreus tityrus Fab.
Girdled cicada .....	Tibicen cinctifera Uhl.
Gloomy scale a.n.o. ....	Chrysomphalus tenebricosus Comst.
Goldenglow aphid .....	Macrosiphum rudbeckiae Fitch
Golden oak scale .....	Asterolecanium variolosum Ratz.
Gooseberry fruit worm a.n.o. ....	Zophodia grossulariae Riley
Granary weevil a.n.o. ....	Calendra granaria L.
Grape berry moth a.n.o. ....	Polychrosis viteana Clem.
Grape curculio a.n.o. ....	Craponius inaequalis Say
Grape flea beetle a.n.o. ....	Haltica chalybea Ill.
Grape leaf folder a.n.o. ....	Desmia funeralis Hbn.
Grape leafhopper a.n.o. ....	Erythroneura comes Say
Grape plume moth a.n.o. ....	Oxyptilus periscelidactylus Fitch
Grape root worm a.n.o. ....	Fidia viticida Walsh
Grape sawfly a.n.o. ....	Erythraspides pygmaea Say
Grape scale a.n.o. ....	Aspidiotus uvae Comst.
Grape tube gall .....	Cecidomyia viticola O. S.
Great Basin tent caterpillar .....	Malacosoma fragilis Stretch
Green bottle fly .....	Lucilia caesar Meig.
Green bug a.n.o. ....	Toxoptera graminum Rond.
Greenhouse centipede .....	Scutigerella immaculata Newp.

Greenhouse leaf tyer a.n.o. ....	Phlyctaenia rubigalis Guen.
Greenhouse sowbug .....	Armadillidium vulgare Latr.
Greenhouse stone cricket a.n.o. ....	Diestrammena japonica Blatch.
Green June beetle a.n.o. ....	Cotinis nitida L.
Green peach aphid a.n.o. ....	Myzus persicae Sulz.
Gypsy moth a.n.o. ....	Porthetria dispar L.
Hackberry nipple gall .....	Pachypsylia celtidismamma Riley
Harlequin bug a.n.o. ....	Murgantia histrionica Hahn
Hazelnut weevil .....	Balaninus obtusus Blanch.
Hemispherical scale a.n.o. ....	Saissetia hemisphaerica Targ.
Hemlock budworm .....	Peronea variana Fern.
Hemlock spanworm .....	Elloplia fiscellaria Guen.
Hessian fly a.n.o. ....	Phytophaga destructor Say
Hickory bark beetle a.n.o. ....	Scolytus quadrispinosus Say
Hickory horned devil a.n.o. ....	Citheronia regalis Fab.
Hickory nut curculio .....	Conotrachelus affinis Boh.
Hickory phylloxera .....	Phylloxera caryaecaulis Fitch
Hickory shoot curculio .....	Conotrachelus aratus Germ.
Hickory shuck worm a.n.o. ....	Laspeyresia caryana Fitch
Hog mange mite .....	Sarcoptes scabiei suis DeG.
Hop flea beetle a.n.o. ....	Psylliodes punctulata Melsh.
Horned oak gall .....	Andricus cornigerus O. S.
Horn fly a.n.o. ....	Haematobia irritans L.
House centipede a.n.o. ....	Scutigera forceps Raf.
House fly a.n.o. ....	Musca domestica L.
Imbricated snout beetle a.n.o. ....	Epicaerus imbricatus Say
Imported currant worm a.n.o. ....	Pteronidea ribesii Scop.
Iris borer a.n.o. ....	Macronoctua onusta Grote
Japanese beetle a.n.o. ....	Popillia japonica Newm.
Japanese maple scale .....	Leucaspis japonica Ckll.
Jumping bullet gall .....	Neuroterus saltatorius Hy. Edw.
Juniper webworm .....	Dichomeris marginellus Fab.
Knot-legged bulb fly .....	Eumerus tuberculatus Rond.
Larch case bearer a.n.o. ....	Coleophora laricella Hbn.
Larch sawfly a.n.o. ....	Nematus erichsoni Hartig
Larger canna leaf roller .....	Calpodes ethlius Cram.
Late strawberry slug .....	Empria maculata Nort.
Leaf crumpler a.n.o. ....	Mineola indigenella Zell.
Leaf-footed bug a.n.o. ....	Leptoglossus phyllopus L.
Leopard moth a.n.o. ....	Zeuzera pyrina L.
Lesser bulb fly a.n.o. ....	Eumerus strigatus Fallen
Lesser canna leaf roller .....	Geshna cannalis Quaint.
Lesser corn stalk borer a.n.o. ....	Elasmopalpus lignosellus Zell.
Lesser peach borer a.n.o. ....	Sesia pictipes G. & R.
Lilac borer a.n.o. ....	Podosesia syringae Harr.
Lilac leaf miner .....	Gracilaria syringella Fab.
Lima bean vine borer .....	Monoptilotia pergratialis Hulst
Linden lacebug .....	Gargaphia tiliae Walsh
Locust borer a.n.o. ....	Cylleene robiniae Forst.
Locust leaf miner a.n.o. ....	Chalepus dorsalis Thunb.
Locust twig borer .....	Ecdytolopha insiticiana Zell.
Long soft scale .....	Coccus elongatus Sign.

Long spruce cone gall	Chermes cooleyi Gill.
Manioc fly	Lonchaea chalybea Wied.
Maple bladder gall	Phyllocoptes quadripes Shim.
Maple borer	Synanthedon acerni Clem.
Maple nepticula	Nepticula sericopeza Zell.
Margined blister beetle a.n.o.	Epicauta cinerea marginata Fab.
Marguerite leaf miner	Phytomyza chrysanthemi Kowarz
Mealy flata	Ormenis pruniosa Say
Mediterranean fruit fly a.n.o.	Ceratitidis capitata Wied.
Melon aphid a.n.o.	Aphis gossypii Glov.
Melon worm a.n.o.	Diaphania hyalinata L.
Mexican bean beetle a.n.o.	Epilachna corrupta Muls.
Mexican fruit worm	Anastrepha ludens Loew
Mint flea beetle	Longitarsus menthaphagus Gentner
Mormon cricket a.n.o.	Anabrus simplex Hald.
Nantucket pine moth	Rhyacionia frustrana Comst.
Narcissus bulb fly a.n.o.	Merodon equestris Fab.
New Mexico range caterpillar	Hemileuca oliviae Ckll.
Northern cattle grub	Hypoderma bovis DeG.
Northern mole cricket a.n.o.	Gryllotalpa hexadactyla Perty
Norway maple aphid	Periphyllus lyropictus Kess.
Nose botfly a.n.o.	Gastrophilus haemorrhoidalis L.
Oak knot gall	Andricus punctatus Bass.
Oak lecanium	Lecanium quercifex Fitch
Oak ugly nest tortricid	Cacoecia fervidana Clem.
Oblique-banded leaf roller a.n.o.	Cacoecia rosaceana Harr.
Oblique-banded strawberry leaf-roller	Cacoecia obsoletana Walk.
Oleander aphid	Aphis nerii Fons.
Onion maggot a.n.o.	Hylemyia antiqua Meig.
Onion thrips a.n.o.	Thrips tabaci L.
Orange-striped oak worm a.n.o.	Anisota senatoria S. & A.
Orange thrips a.n.o.	Scirtothrips citri Moul.
Oriental cockroach a.n.o.	Blatta orientalis L.
Oriental fruit moth	Laspeyresia molesta Busck
Oriental moth a.n.o.	Cnidocampa flavescens Walk.
Oyster-shell scale a.n.o.	Lepidosaphes ulmi L.
Pacific red spider	Tetranychus pacificus McG.
Pale western cutworm a.n.o.	Porosagrotis orthogonia Merr.
Palm leaf skeletonizer	Homaledra sabalella Chambers
Pea aphid a.n.o.	Illinoia pisi Kalt.
Pea moth a.n.o.	Laspeyresia nigricana Steph.
Peach and plum slug	Eriocampoides amygdalina Rohw.
Peach bark beetle a.n.o.	Phthorophloeus liminaris Harr.
Peach borer a.n.o.	Aegeria exitiosa Say
Peach twig borer a.n.o.	Anarsia lineatella Zell.
Pear leaf blister mite a.n.o.	Eriophyes pyri Pgst.
Pear midge a.n.o.	Contarinia pyrivora Riley
Pear psylla a.n.o.	Psyllia pyricola Foerst.
Pear slug a.n.o.	Eriocampoides limacina Retz.
Pecan budmoth	Proteopteryx bolliana Sling.
Pecan case bearer a.n.o.	Acrobasis juglandis LeB. *

\*This insect has long been misdetermined as Acrobasis indigenella  
nebulella Riley.

Pecan cossid	.....	<i>Cossula magnifica</i> Streck.
Pecan nut case bearer a.n.o.	.....	<i>Acrobasis caryae</i> Grote
Pecan sesia	.....	<i>Sesia scitula</i> Harr.
Pecan weevil a.n.o.	.....	<i>Balaninus caryae</i> Horn
Pepper weevil a.n.o.	.....	<i>Anthonomus eugenii</i> Cano
Periodical cicida a.n.o.	.....	<i>Tibicina septendecim</i> L.
Persimmon root borer	.....	<i>Sannina uroceriformis</i> Walk.
Pickle worm a.n.o.	.....	<i>Diaphania nitidalis</i> Stoll
Pigeon hippoboscid	.....	<i>Lynchia maura</i> Bigot
Pine bark aphid	.....	<i>Chermes pinicorticis</i> Fitch
Pine butterfly	.....	<i>Neophasia menapia</i> Feld.
Pine leaf miner	.....	<i>Paralechia pinifoliella</i> Chamb.
Pine leaf scale	.....	<i>Chionaspis pinifoliae</i> Fitch
Pink boll worm a.n.o.	.....	<i>Pectinophora gossypiella</i> Saund.
Pink sugarcane borer	.....	<i>Meropleon cosmioides</i> Dyar
Pistol case bearer a.n.o.	.....	<i>Coleophora malivorella</i> Riley
Plains false wireworm a.n.o.	.....	<i>Eleodes opaca</i> Say
Plum curculio a.n.o.	.....	<i>Conotrachelus nenuphar</i> Hbst.
Plum web-spinning sawfly	.....	<i>Neurotoma inconspicua</i> Nort.
Polka-dot wasp-moth	.....	<i>Syntomeida epilais</i> Walk.
Poplar leaf miner	.....	<i>Lithoccolletis tremuloidella</i> Braun
Poplar leaf stem gall	.....	<i>Pemphigus populi-transversus</i> Riley
Poplar mocha-stone moth	.....	<i>Ichthyura inclusa</i> Hbn.
Potato aphid a.n.o.	.....	<i>Illinoia solanifolii</i> Ashm.
Potato flea beetle a.n.o.	.....	<i>Epitrix cucumeris</i> Harr.
Potato leafhopper	.....	<i>Empoasca fabae</i> Harr.
Purple scale a.n.o.	.....	<i>Lepidosaphes beckii</i> Newm.
Puss caterpillar	.....	<i>Megalopyge opercularis</i> S. & A.
Putnam's scale a.n.o.	.....	<i>Aspidiotus aencylus</i> Putn.
Raspberry cane borer a.n.o.	.....	<i>Oberea bimaculata</i> Oliv.
Raspberry cane maggot a.n.o.	.....	<i>Phorbia rubivora</i> Coq.
Raspberry fruit worm a.n.o.	.....	<i>Byturus unicolor</i> Say
Rat mite	.....	<i>Liponyssus bacoti</i> Hirst
Red-banded leaf roller	.....	<i>Eulia velutinana</i> Walk.
Reddish elm snout beetle	.....	<i>Magdalis armicollis</i> Say
Red-headed pine sawfly a.n.o.	.....	<i>Neodiprion lecontei</i> Fitch
Red-humped caterpillar a.n.o.	.....	<i>Schizura concinna</i> S. & A.
Red-legged ham beetle a.n.o.	.....	<i>Necrobia rufipes</i> DeG.
Red-shouldered shot-hole borer	.....	<i>Xylobiops basilare</i> Say
Red spider	.....	<i>Tetranychus telarius</i> L.
Red turpentine beetle a.n.o.	.....	<i>Dendroctonus valens</i> Lec.
Resplendent shield bearer a.n.o.	.....	<i>Coptodisca splendorifera</i> Clem.
Rhododendron lacebug a.n.o.	.....	<i>Stephanitis rhododendri</i> Horv.
Rhubarb curculio a.n.o.	.....	<i>Lixus concavus</i> Say
Ribbed cocoon maker	.....	<i>Buccalatrix pomifoliella</i> Clem.
Rice weevil a.n.o.	.....	<i>Calendra oryzae</i> L.
Rose aphid a.n.o.	.....	<i>Macrosiphum rosae</i> L.
Rose chafer a.n.o.	.....	<i>Macroactylus subspinosus</i> Fab.
Rose curculio a.n.o.	.....	<i>Rhynchites bicolor</i> Fab.
Rose leaf beetle	.....	<i>Nodonota puncticollis</i> Say
Rose leafhopper a.n.o.	.....	<i>Empoasca rosae</i> L.
Rose sawfly a.n.o.	.....	<i>Caliroa aethiops</i> Fab.

Rose scale a.n.o. ....	Aulacaspis rosae Bouche
Rose stem girdler ....	Agrilus viridis L.
Rosy apple aphid a.n.o. ....	Anuraphis roseus Baker
Rough bullet gall ....	Disholcaspis mamma Walsh
Rusty leaf mite ....	Phyllocoptes schlectendali Nal.
Rusty plum aphid a.n.o. ....	Hystericneura setariae Thos.
Saddle-back caterpillar a.n.o. ....	Sibine stimulea Clem.
Salt-marsh caterpillar a.n.o. ....	Estigmene acraea Drury
Sand wireworm a.n.o. ....	Horistonotus uhlerii Horn
San Jose scale a.n.o. ....	Aspidiotus perniciosus Comst.
Satin moth a.n.o. ....	Stilpnotia salicis L.
Say's bluetar beetle ....	Pomphopoea sayi Lec.
Scotch pine lecanium ....	Toumeyella numismaticum P. & McD.
Scurfy scale a.n.o. ....	Chionaspis furfura Fitch
Seed corn beetle ....	Agonoderus pallipes Fab.
Seed corn maggot a.n.o. ....	Hylemyia cilicrura Rond.
Seed springtail ....	Onychiurus pseudarmatus Folsom
Sheep tick a.n.o. ....	Melophagus ovinus L.
Short-nosed ox louse ....	Haematopinus eurysternus Nitzsch
Silverfish a.n.o. ....	Lepisma saccharina L.
Slender seed corn beetle ....	Clivina impressifrons Lec.
Small green rose aphid ....	Myzus rosarum Kalt.
Smartweed borer ....	Pyrausta tainsliei Heinr.
Smut beetle ....	Phalacrus politus Melsh.
Snowball aphid ....	Anuraphis viburnicola Gill.
Snowy tree cricket a.n.o. ....	Oecanthus niveus DeG.
Soft scale a.n.o. ....	Coccus hesperidum L.
Sorghum webworm a.n.o. ....	Celama sorghiella Riley
Southern corn stalk borer a.n.o. ....	Diatraea zeacolella Dyar
Southern green stink bug a.n.o. ....	Nezara viridula L.
Southern pine beetle a.n.o. ....	Dendroctonus frontalis Zimm.
Southern pine sawyer a.n.o. ....	Monochamus titillator Fab.
Southwestern pine beetle a.n.o. ....	Dendroctonus barberi Hopk.
Spinach leaf miner ....	Pegomyia hyoscyami Panz.
Spiny elm caterpillar ....	Euvanessa antiopa L.
Spiny rose gall ....	Rhodites bicolor Harr.
Spotted cucumber beetle a.n.o. ....	Diabrotica duodecimpunctata Fab.
Spring canker worm a.n.o. ....	Paleacrita vernata Peck
Spruce bud scale ....	Physokermes piceae Schrank
Spruce budworm a.n.o. ....	Harmologa fumiferana Clem.
Spruce gall aphid ....	Chermes abietis L.
Squash beetle a.n.o. ....	Epilachna borealis Fab.
Squash borer a.n.o. ....	Melittia satyriniformis Hbn.
Squash bug a.n.o. ....	Anasa tristis DeG.
Stable fly a.n.o. ....	Stomoxys calcitrans L.
Stalk borer a.n.o. ....	Papaipema nebris nitela Guen.
Sticktight flea a.n.o. ....	Echidnophaga gallinacea Westw.
Strawberry crown borer a.n.o. ....	Tyloderma fragariae Riley
Strawberry crown miner ....	Aristotelia fragariae Busck
Strawberry flea beetle a.n.o. ....	Haltica ignita Ill.
Strawberry leaf roller a.n.o. ....	Ancylis comptana Frohl.
Strawberry root aphid a.n.o. ....	Aphis forbesi Weed

Strawberry root weevil	Brachyrhinus ovatus L.
Strawberry root worm a.n.o.	Paria canella Fab.
Strawberry weevil a.n.o.	Anthonomus signatus Say
Strawberry whitefly a.n.o.	Trialeurodes packardi Morrill
Striped blister beetle a.n.o.	Epicauta vittata Fab.
Striped cucumber beetle a.n.o.	Diabrotica vittata Fab.
Striped flea beetle	Phyllotreta vittata Fab.
Sugar beet root maggot	Tetanops aldrichi Hendel
Sugar beet thrips	Heliothrips femoralis Heeger
Sugar beet wireworm	Pheletes californicus Mann.
Sugarcane beetle a.n.o.	Eutheola rugiceps Lec.
Sugarcane borer a.n.o.	Diatraea saccharalis Hb.
Sugarcane mealybug	Pseudococcus boninsis Kuwana
Sugar-maple borer a.n.o.	Glycobius speciosus Say
Sumac flea beetle	Blepharida rhois Forst.
Sweet clover stem borer	Hippopsis lemniscata Fab.
Sweet-potato flea beetle a.n.o.	Chaetocnema confinis Crotch
Sweet-potato leaf beetle	Typophorus viridicyaneus Crotch
Sweet-potato sawfly	Schizocerus ebenus Nort.
Sweet-potato weevil a.n.o.	Cylas formicarius Fab.
Sycamore lacebug	Corythucha ciliata Say
Tamarisk scale	Chionaspis etrusca Leon.
Tarnished plant bug a.n.o.	Lygus pratensis L.
Terrapin scale a.n.o.	Lecanium nigrofasciatum Perg.
Thistle aphid a.n.o.	Anuraphis cardui L.
Three-cornered alfalfa hopper	Stictocephala festina Say
Tip moth	Rhyacyonia frustrana Comst.
Tobacco budworm	Heliothis virescens Fab.
Tobacco flea beetle a.n.o.	Epitrix parvula Fab.
Tobacco wireworm	Monocrepidius vespertinus Fab.
Tomato stalk weevil	Trichobaris mucorea Lec.
Tomato worm a.n.o.	Protoparce sexta Johan.
Tulip tree scale	Toumeyella liriiodendri Gmel.
Turkey gnat a.n.o.	Simulium meridionale Riley
Turnip aphid a.n.o.	Rhopalosiphum pseudobrassicae Davis
Twig girdler a.n.o.	Oncideres cingulatus Say
Two-lined prominent	Heterocampa bilineata Pack.
Two-spotted curculio	Attelabus bipustulatus Fab.
Ugly-nest caterpillar a.n.o.	Cacoecia cerasivorana Fitch
Variegated cutworm a.n.o.	Lycophotia margaritosa saucia Hbn.
Vegetable weevil a.n.o.	Listroderes obliquus Gyll.
Velvetbean caterpillar	Anticarsia gemmatalis Hbn.
Violet sawfly	Emphytus canadensis Kby.
Walnut caterpillar a.n.o.	Datana integerrima G. & R.
Walnut husk fly	Rhagoletis juglandis Cress.
Wavy-striped flea beetle	Phyllotreta sinuata Steph.
Western grape leaf skeletonizer	Harrisina brillans B. & McD.
Western pine beetle a.n.o.	Dendroctonus brevicomis Lec.
Western spotted cucumber beetle a.n.o.	Diabrotica soror Lec.
Western striped cucumber beetle	Diabrotica trivittata Mann.
Western tent caterpillar a.n.o.	Malacosoma pluvialis Dyar
Wheat joint worm a.n.o.	Harmolita tritici Fitch

Wheat midge a.n.o. ....	Contarinia tritici Kby.
Wheat stem sawfly a.n.o. ....	Cephus cinctus Nort.
Wheat straw worm a.n.o. ....	Harmolita grandis Riley
White-lined sphinx a.n.o. ....	Celeria lineata Fab.
White-marked spider beetle a.n.o. ....	Ptinus fur L.
White-marked tussock moth a.n.o. ....	Hemerocampa leucostigma S. & A.
White peach scale a.n.o. ....	Aulacaspis pentagona Targ.
White-pine weevil a.n.o. ....	Pissodes strobi Peck
Willow grove aphid ....	Melanoxantherium smithae Monell
Wood tick ....	Dermacentor venustus Banks
Woolly alder aphid a.n.o. ....	Prociphilus tessellatus Fitch
Woolly apple aphid a.n.o. ....	Erisoma lanigerum Hausm.
Woolly beech aphid ....	Prociphilus imbricator Fitch
Woolly elm aphid a.n.o. ....	Eriosoma americanum Riley
Woolly larch aphid ....	Chermes strobilobius Kalt.
Woolly maple leaf aphid ....	Pemphigus acerifolii Riley
Woolly pine scale ....	Pseudophilippia quaintancii Ckll.
Woolly whitefly a.n.o. ....	Aleurothrixus howardi Quaint.
Yellow ant ....	Lasius interjectus Mayr
Yellow meal worm a.n.o. ....	Tenebrio molitor L.
Yellow-necked caterpillar a.n.o. ....	Datana ministra Drury
Zebra caterpillar a.n.o. ....	Mamestra picta Harr.





